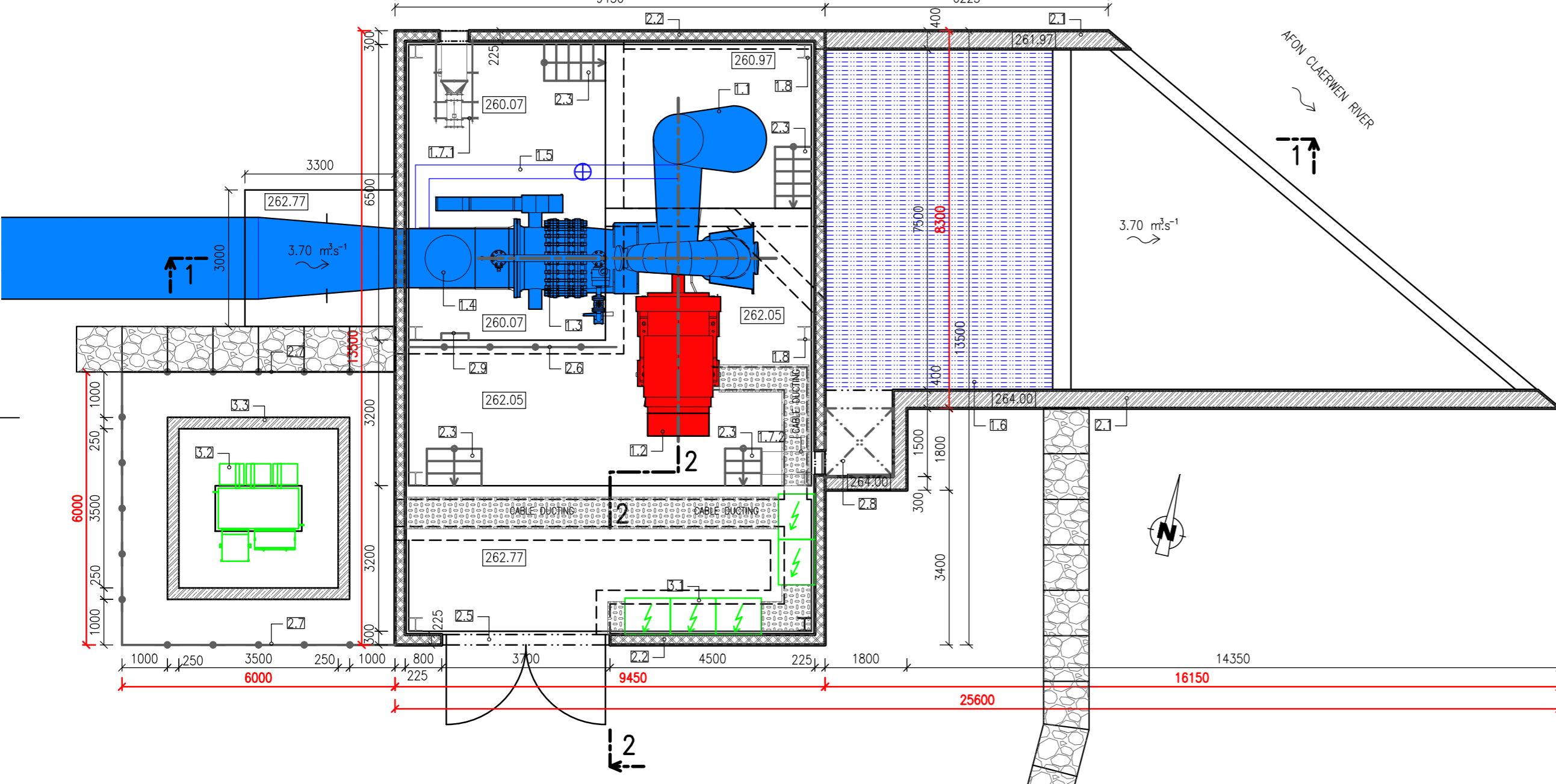
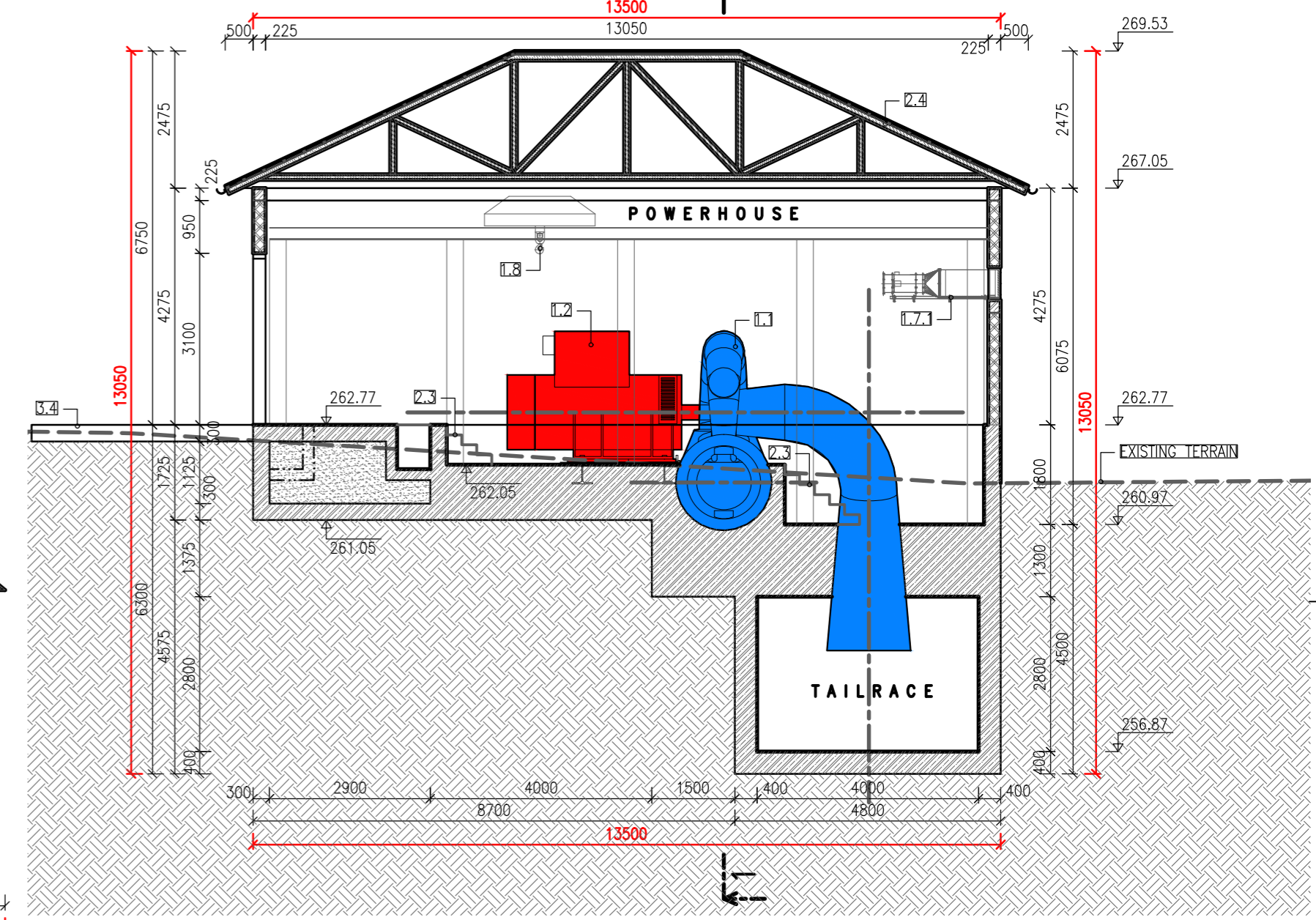


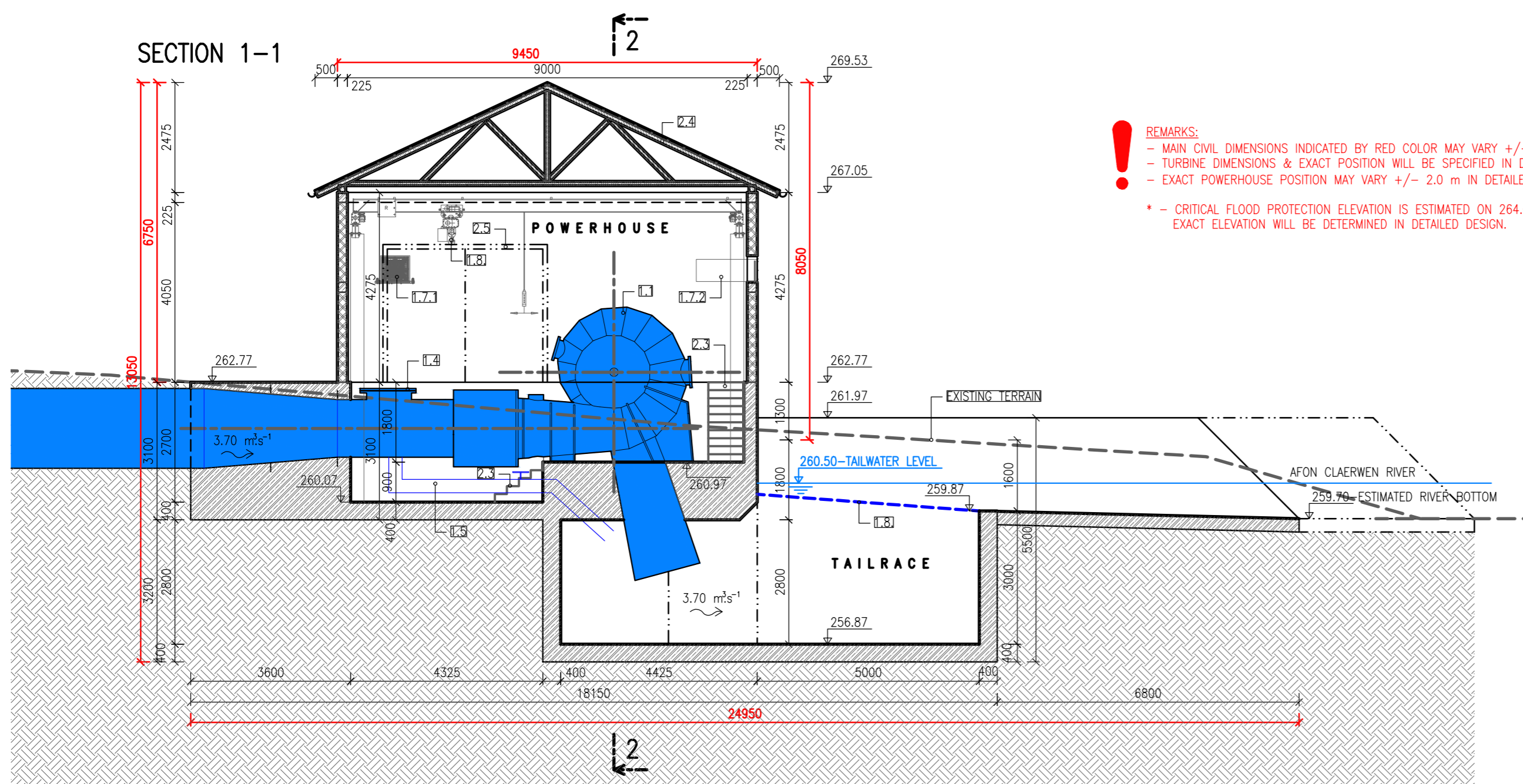
GROUND PLAN



SECTION 2-2



SECTION 1-1



REMARKS:
 - MAIN CIVIL DIMENSIONS INDICATED BY RED COLOR MAY VARY +/- 0.50 m IN DETAILED DESIGN.
 - TURBINE DIMENSIONS & EXACT POSITION WILL BE SPECIFIED IN DETAILED DESIGN.
 - EXACT POWERHOUSE POSITION MAY VARY +/- 2.0 m IN DETAILED DESIGN.
 * - CRITICAL FLOOD PROTECTION ELEVATION IS ESTIMATED ON 264.00 m AOD. EXACT ELEVATION WILL BE DETERMINED IN DETAILED DESIGN.

LEGED:	
	REINFORCED CONCRETE
	BRICK MASONRY
	WOOD
	BACKFILL MATERIAL
	EARTH/UNDERGROUND
	CIVIL STRUCTURE
	PENSTOCK PIPE / PIPING
	TURBINE AND GENERATOR
	WATER

KEY:	
MECHANICAL EQUIPMENT	
1.1	HORIZONTAL PELTON TURBINE
1.2	GENERATOR
1.3	MAIN INLET VALVE
1.4	MANHOLE ACCESS
1.5	DRAINAGE PIPE & DRAINAGE VALVE DN 300
1.6	TAILRACE SCREEN, DISTANCE BETWEEN BARS 10 mm
1.7.1	SOUND ATTENUATOR - ACTIVE
1.7.2	SOUND ATTENUATOR - PASSIVE
1.8	CRANE & GANTRY

CIVIL EQUIPMENT	
2.1	REINFORCED CONCRETE SUBSTRUCTURE
2.2	BRICK MASONRY
2.3	STEEL STAIRS
2.4	HIP ROOF, WOODEN FRAME TYPE
2.5	ACCESS DOOR
2.6	PROTECTIVE RAILING
2.7	WOODEN FENCE
2.8	ACCESS COVER
2.9	ACCESS CRAMPONS / LADDER

OTHER	
3.1	CONTROL AND POWER SWITCHGEAR
3.2	TRANSFORMER
3.3	TRANSFORMER PEDESTAL
3.4	ACCESS CONCRETE PLYNTH

REVISION	MODIFICATION DESCRIPTION

DRAWN BY	T. GOMBOŠ	PROJECT MANAGER	
CHECKED BY	M. ŠTRONER	SITE	CLAERWEN
APPROVED BY	M. ŠTRONER	COUNTRY	UK, WALES
CLIENT	...	ALTITUDE SYSTEM	
PROJECT	SHPP CLAERWEN		
PART	CONCEPTUAL DESIGN		
DRAWING NAME	POWERHOUSE - GROUND PLAN & SECTIONS		
DATE	11/2017	SHEETS	6x44
SCALE	1:100	ARCHIVE No.	2140008

